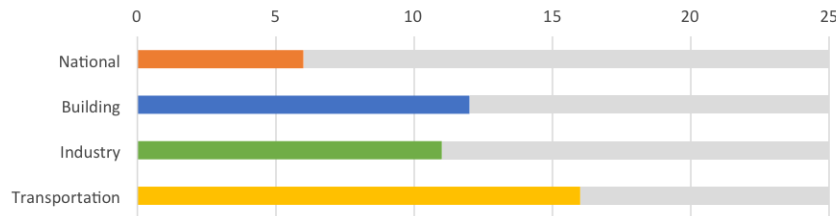


# 11 India



*Coming in 11th, India ranked higher than the United States and South Korea and just four points behind Australia.*

India is strongest in transportation energy efficiency. It has a far lower number of passenger miles traveled per capita than any other country analyzed. Even with no fuel economy standards for passenger vehicles, India ranks third in terms of passenger-vehicle fuel economy. More than 65% of passenger trips made in India utilize public transit, with only a moderate level of government investment in rail versus road. Less positively, India has a somewhat inefficient freight system with a high freight ton-mile per unit of economic activity.

India ranked 13th in building efficiency, earning the same score as South Korea. India established its Energy Conservation Building Code for commercial buildings in 2007, which has since been updated and made mandatory by some state governments. India also has building retrofit requirements for saving energy in the commercial buildings sector.

## AREAS FOR IMPROVEMENT

India scored third from the bottom in national efforts on energy efficiency, and there are many opportunities to improve in this category. The operational efficiency of thermal power plants in India is the lowest any country analyzed, largely due to an aging power plant fleet. India would benefit from establishing a mandatory national energy-savings goal and increasing its level of government and utility

investment in energy efficiency. Other countries, including France, Spain, and the UK, have achieved substantial efficiency improvements at the national level after committing to an energy-savings goal.

There is also room to improve in India's buildings sector. While energy use per square foot in commercial buildings is lower than in any other country, India's voluntary building energy codes for both residential and commercial buildings could be strengthened. Further, India has appliance and equipment standards for just four products, and its efficiency in the buildings sector could improve significantly by expanding its efforts in this area.

## ADDITIONAL RESOURCES

For more information on India's building codes: [http://www.energycodes.gov/sites/default/files/documents/CountryReport\\_India.pdf](http://www.energycodes.gov/sites/default/files/documents/CountryReport_India.pdf)

For more information on India's public transportation: <http://web.worldbank.org/WBSITE/EXTERNAL/COUNTRIES/SOUTHASIAEXT/EXTSARREGTOPTRANSPORT/0,,contentMDK:20703625~menuPK:868822~pagePK:34004173~piPK:34003707~theSitePK:579598,00.html>